

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

1-14. (Cancelled)

15. (Currently amended): An electron-emitting device according to ~~Claim 13~~, comprising:

first and second electrodes arranged on a surface of a substrate;  
first and second carbon films; and  
a voltage source, for applying a voltage between said first electrode and said  
second electrode, to emit electrons,

wherein a first end of said first carbon film is electrically connected to said first  
electrode, a first end of said second carbon film is electrically connected to said second electrode,  
a second end of said first carbon film and a second end of said second carbon film are disposed in  
opposition to each other across a gap, the second end of said first carbon film being more distant  
from the surface of the substrate than the second end of said second carbon film, and said voltage  
source applies a potential greater than a potential of the second electrode to said first electrode in  
order to emit electrons,

wherein the surface of the substrate is concaved at a section within the gap.

16. (Currently amended): An electron-emitting device according to Claim 14, comprising:

first and second electrodes arranged on a surface of a substrate;  
first and second carbon films; and  
a voltage source, for applying a voltage between said first electrode and said  
second electrode to emit electrons, wherein  
said first carbon film is electrically connected to said first electrode, said  
second carbon film is electrically connected to said second electrode, said first carbon film and  
said second carbon film are disposed in opposition to each other across a gap, an end of said first  
carbon film being more distant from said surface of said substrate than an end of said second  
carbon film, and said voltage source applies a potential greater than a potential of the second  
electrode to said first electrode in order to emit electrons,  
wherein the surface of the substrate is concaved at a section within the gap.

17. (Currently Amended): An electron-emitting device according to Claim 15, wherein [[the]] a section at which the surface of the substrate is concaved contains carbon.

18. (Currently Amended): An electron-emitting device according to Claim 16, wherein [[the]] a section at which the surface of the substrate is concaved contains carbon.

19. (Cancelled).

20. (Currently Amended) An electron-source comprising a plurality of electron-emitting devices, wherein each of the electron-emitting devices is an electron-emitting device according to any one of Claims ~~13, 14, 17, or 18~~ 15-18.

21. (Previously Presented) An image forming apparatus comprising an electron source and an image forming member, wherein the electron source is an electron source according to Claim 20.

22. (New) A computer comprising:  
an image forming apparatus according to Claim 21; and  
a driver for driving each of the electron-emitting devices.